

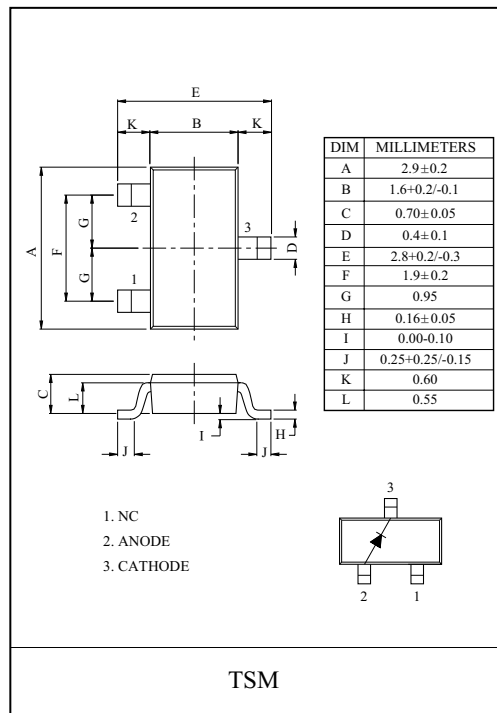
HIGH FREQUENCY RECTIFICATION.  
SWITCHING REGULATORS, CONVERTERS, CHOPPERS.

#### FEATURES

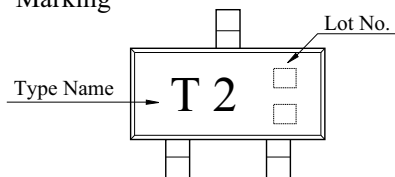
- Low Forward Voltage :  $V_F \text{ max}=0.45\text{V}$ .
- Low Leakage Current :  $I_R \text{ max}=200\mu\text{A}$ .

#### MAXIMUM RATING (Ta=25 °C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Repetitive Peak Reverse Voltage	$V_{RRM}$	25	V
Reverse Voltage	$V_R$	20	V
Average Forward Current	$I_O$	1.0	A
Non-Repetitive Peak Surge Current	$I_{FSM}$	3	A
Junction Temperature	$T_j$	125	°C
Storage Temperature Range	$T_{stg}$	-55 ~ 125	°C



#### Marking



#### ELECTRICAL CHARACTERISTICS (Ta=25 °C)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	$V_F$	$I_F=1.0\text{A}$	-	0.4	0.45	V
Reverse Current	$I_R$	$V_R=20\text{V}$	-	-	200	$\mu\text{A}$

# KDR521T

